

ABSTRACT

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10 The present invention is directed to the identification genes that are
expressed at a higher level in certain FSH or FSH Mimetic treated cells than in
otherwise identical untreated cells. Genes that are expressed at a higher level in
FSH or FSH Mimetic treated cells than untreated cells ("FSH or FSH Mimetic
stimulated genes") are of interest, in part, because FSH or FSH Mimetics can or
could influence a wide range of cellular processes and responses in reproduction,
including steroidogenesis and gamatogenesis. The identified FSH or FSH
Mimetic stimulated genes and the proteins they encode can be used: 1) as
therapeutic agents which modulate a cellular process or response that is
influenced by FSH or FSH Mimetic; 2) as targets for use in high throughput
screening and the development of therapeutic agents which modulate a cellular
process or response that is influenced by FSH or FSH Mimetic; and 3) as markers
which can be used to detect and monitor a cellular process or response that is
influenced by FSH or FSH Mimetic.

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